

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/966,028	GRANGER, MAURICE	
	<b>Examiner</b>	<b>Art Unit</b>	
	Clark F. Dexter	3724	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the response filed on Sept. 24, 2004.
2. ☒ The allowed claim(s) is/are 16-35.
3. ☒ The drawings filed on (see "other") are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☒ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☒ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| <ol style="list-style-type: none"><li>1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)</li><li>2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</li><li>3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br/>Paper No./Mail Date _____</li><li>4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br/>of Biological Material</li></ol> | <ol style="list-style-type: none"><li>5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)</li><li>6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),<br/>Paper No./Mail Date <u>25</u>.</li><li>7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment</li><li>8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance</li><li>9. <input checked="" type="checkbox"/> Other <u>the accepted drawings were filed in the preliminary amendment dated Sept. 28, 2001.</u></li></ol> |
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### **EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for the changes to the claims in this examiner's amendment was given in a telephone interview with Mr. John Pietrangelo on April 14, 2005.

2. The application has been amended as follows:

#### In the Claims

Claim 16, line 9, the following has been inserted before "having":

--having a non-cylindrical shape and --.

Claim 31, line 10, the following has been inserted before "having":

--having a non-cylindrical shape and--.

Claim 34, line 8, the following has been inserted before "having":

--having a non-cylindrical shape and --.

#### Drawing Objections

3. Upon a further review of the application papers, the drawing objections described in the Quayle action were obviated in replacement drawings submitted in a preliminary

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amendment on September 28, 2001. Therefore, no further action by applicant is required.

Remarks

4. The changes to the claims have been agreed upon to further clarify the claimed invention.

Additional Prior Art

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The newly-cited prior art disclose inventions which have features similar to the claimed invention. However, these inventions, each taken alone or in combination with the prior art of record, do not teach or fairly suggest the claimed invention.

Reasons for Allowance

6. The following is an examiner's statement of reasons for allowance:

None of the prior art of record, either taken alone or in combination, teaches or fairly suggests the claimed invention. For example, none of the prior art teaches or suggests a housing, a drum as claimed, a shaft as claimed, wherein the central section of the shaft has a length greater than the width of the at least one groove of the drum, and at least one belt as claimed, wherein the length of the central portion of the shaft allows the at least one belt to deflect laterally over an amplitude as claimed. It is noted

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that the amplitude (alpha) is considered to be one that extends beyond the width of the groove of the drum as disclosed. It is further noted that the difference in the length of the central section compared to the width of the at least one groove is considered to be more than a mere difference due to manufacturing tolerances, but rather one in which the length of the central section substantially exceeds the width of the at least one groove as disclosed in the present application.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Clark F. Dexter whose telephone number is (571)272-4505. The examiner can be reached Monday, Tuesday, Thursday and Friday during normal business hours.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Allan N. Shoap can be reached on (571)272-4514. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read 'Clark F. Dexter', is positioned above the printed name.

**Clark F. Dexter**  
**Primary Examiner**  
**Art Unit 3724**

cfid  
May 9, 2005

1/1

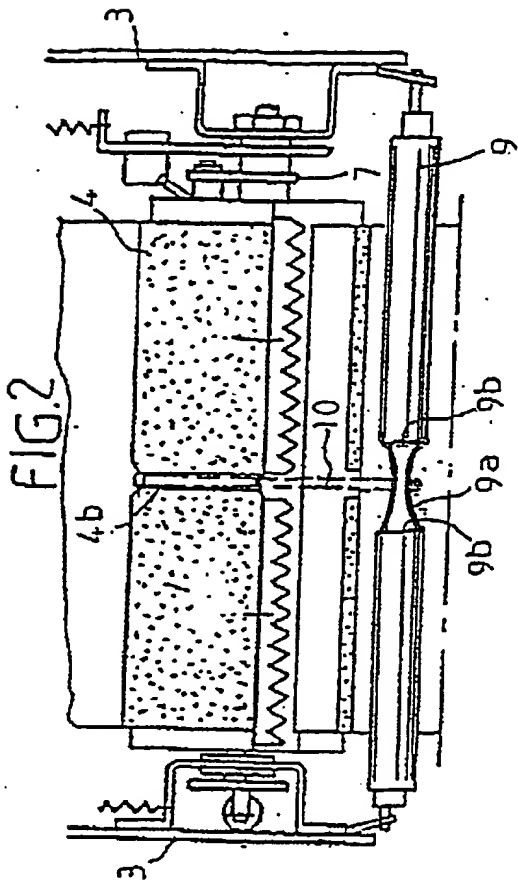


FIG. 2

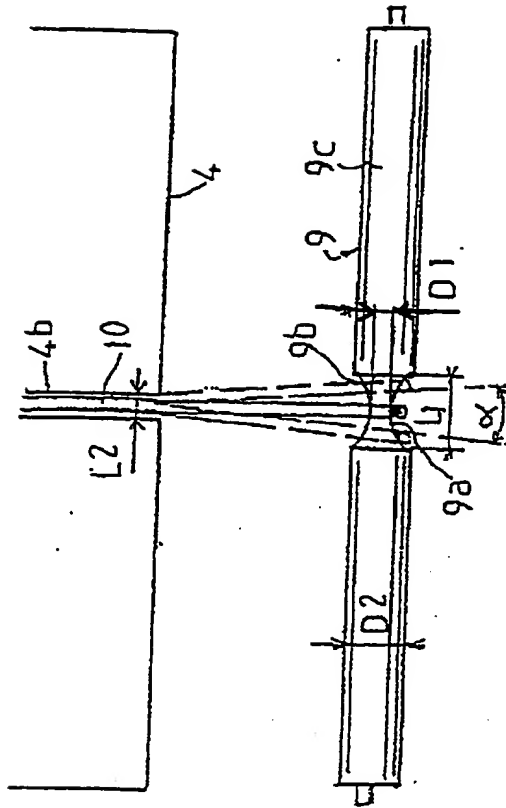


FIG. 3

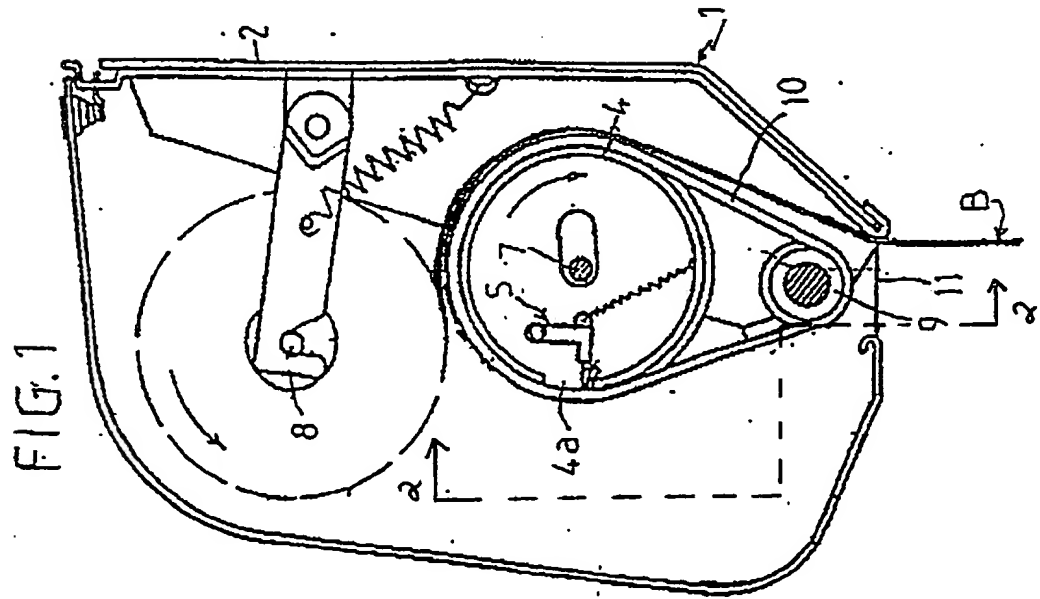


FIG. 1

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